WHAT IS CLAIMED IS:

1. A method for allocating radio resource to radio terminals or communication connections in a radio communication system in which each of said radio terminals or communication connections requires a different communication quality, said method comprising the steps of:

(a) retrieving a first group including radio terminals or communication connections in which actual communication qualities are degraded more than required communication qualities, and a second group including radio terminals or communication connections in which actual communication qualities are favorable more than required communication qualities; and

(b) allocating the radio resource to the radio terminals or communication connections in said first group with higher priority than the radio terminals or communication connections in said second group.

2. The method as claimed in claim 1, further comprising the steps of:

(c) retrieving a third group including radio terminals or communication connections that do not have required communication qualities;

(d) allocating the radio resource to the radio terminals or communication connections in said third group when the radio resource is allocated to the radio terminals or communication connections in

said first group and said second group in said step (b).

3. The method as claimed in claim 1, wherein said step (b) allocates the radio resource to the radio terminals or communication connections in said first group in an ascending order of said actual communication qualities, an descending order of differences between said required communication qualities and said actual communication qualities, or an descending order of deterioration degrees of the actual communication qualities to the required communication qualities.

4. The method as claimed in claim1, wherein said step (b) allocates the radio resource to the radio terminals or communication connections in said second group in an ascending order of said actual communication qualities, an ascending order of differences between said required communication qualities and said actual communication qualities, or favorable degrees of the actual communication qualities to the required communication qualities.

5. The method as claimed in claim 1, wherein said required communication qualities are communication qualities concerning allowable delay

times, transmission rates, or throughputs.

6. A radio communication apparatus for allocating radio resource to radio terminals or communication connections in a radio communication system in which each of said radio terminals or communication connections requires a different communication quality, said radio communication apparatus comprising:

a first retrieving part retrieving a first group including radio terminals or communication connections in which actual communication qualities are degraded more than required communication qualities, and a second group including radio terminals or communication connections in which actual communication qualities are favorable more than required communication qualities; and

a first allocating part allocating the radio resource to the radio terminals or communication connections in said first group with higher priority than the radio terminals or communication connections in said second group.

7. The radio communication apparatus as claimed in claim 6, further comprising:

a second retrieving part retrieving a third group including radio terminals or communication connections that do not have required communication qualities;

a second allocating part allocating the radio resource to the radio terminals or

communication connections in said third group when the radio resource is allocated to the radio terminals or communication connections in said first group and said second group by said first allocating part.

8. The radio communication apparatus as claimed in claim 6, wherein said first allocating part allocates the radio resource to the radio terminals or communication connections in said first group in an ascending order of said actual communication qualities, an descending order of differences between said required communication qualities and said actual communication qualities, or an descending order of deterioration degrees of the actual communication qualities to the required communication qualities.

9. The radio communication apparatus as claimed in claim 6, wherein said first allocating part allocates the radio resource to the radio terminals or communication connections in said second group in an ascending order of said actual communication qualities, an ascending order of differences between said required communication qualities and said actual communication qualities, or favorable degrees of the actual communication qualities to the required communication qualities.

10. The radio communication apparatus as claimed in claim 6, wherein said required communication qualities are communication qualities concerning allowable delay times, transmission rates, or throughputs.

11. A radio communication system which allocates radio resource for a radio communication, said radio communication system comprising a radio communication apparatus and radio terminals,

wherein each of said radio terminals comprises a requiring part requiring a different communication quality to said radio communication system for each radio terminal or communication connection, and

said radio communication apparatus comprises:

a first retrieving part retrieving a first group including radio terminals or communication connections in which actual communication qualities are degraded more than required communication qualities, and a second group including radio terminals or communication connections in which actual communication qualities are favorable more than required communication qualities; and

a first allocating part allocating the radio resource to the radio terminals or communication connections in said first group with higher priority than the radio terminals or communication connections in said second group.

12. The radio communication system as claimed in claim 11, wherein said radio communication apparatus further comprises:

a second retrieving part retrieving a third group including radio terminals or communication connections that do not have required communication qualities;

a second allocating part allocating the radio resource to the radio terminals or communication connections in said third group when the radio resource is allocated to the radio terminals or communication connections in said first group and said second group by said first allocating part.